



**IDEM  
Office of Air Management  
Rules Guidance**

**May 1998**

**DEVELOPMENT OF AMENDMENTS TO RULES CONCERNING LEAD EMISSION  
LIMITATIONS FOR HAMMOND GROUP-HALSTAB DIVISION IN LAKE COUNTY  
# 96-13(APCB)**

**FACT SHEET**

**Overview**

This rulemaking revises lead emission limitations for Hammond Group, Inc.-Halstab Division located in Lake County, Indiana.

**Citations Affected**

Amends: 326 IAC 15-1-2

**Affected Persons**

Hammond Lead-Halstab Division

**Potential Cost**

Low because the changes are requested by the company and any additional cost that for installation of additional equipment or monitoring would only affect the source requesting the alternative limits

**Description**

Halstab owns and operates a manufacturing plant in Hammond, Indiana, that produces lead stabilizers for use in plastics, wire, and cable applications. The Halstab Division has recently expanded its business through the purchase of certain assets. As a result, Halstab is requesting to extend the allowable hours of operation of each of the stacks. Such increase of allowable hours of operation will not

significantly increase allowable or actual emissions. To meet current market demands for its products, Halstab has requested that the lead state implementation plan be amended to allow for increased hours of operation for stacks S-1 and S-9 through S-16. Halstab is proposing to upgrade its existing control equipment, install additional control equipment, and is currently meeting much lower pound per hour emission limits.

Air quality modeling conducted to date indicates that there will not be an exceedance of the state or federal health standard. The draft rule includes a requirement that Halstab install and operate an ambient monitor or monitors at the property boundary. Halstab is operating under a one year variance to allow certain stacks to be excluded from the maximum hours of operation limit per quarter currently in the rule. The proposed rule changes will be submitted to the U.S. EPA for approval to the lead state implementation plan for Lake County.

The requested limits compared to the current emission limits show an overall decrease in allowable lead emissions of 521.1 pounds per year. Actual lead emissions based

on annual production rates show a decrease from .23 ton per year in 1996; 0.13 ton per year in 1997; and projected to 0.16 ton per year for 1998; and 0.18 ton per year for 1999.

8229 (in Indiana).

### **Consistency with Federal Requirements**

The new rules are consistent with federal rules. The rule changes will be submitted to U.S. EPA as a state implementation plan change.

### **CONSIDERATION OF FACTORS OUTLINED IN INDIANA CODE 13-14-8-4**

Indiana Code 13-14-8-4 requires that in adopting rules and establishing standards, the board shall take into account:

- 1) all existing physical conditions and the character of the area affected;
- 2) past, present, and probably future uses of the area, including the character of the uses of surrounding areas
- 3) zoning classifications;
- 4) the nature of the existing air quality or existing water quality as the case may be;
- 5) technical feasibility, including the quality conditions that could reasonably be achieved through coordinated control of all factors affecting the quality; and
- 6) economic reasonableness of measuring or reducing any particular type of pollution.

The board shall also take into account the right of all persons to an environment sufficiently uncontaminated as not to be injurious to human, plant, animal, or aquatic life or to the reasonable enjoyment of life and property.

### **RECOMMENDATION**

It is recommended that the board preliminarily adopt these new rules, as presented.

### **IDEM Contact**

Additional information regarding this rule making action can be obtained from Suzanne Whitmer, Rules Development Section, Office of Air Management, (317) 232-8229 or (800) 451-6027 extension 2-